





PAGER

Version 5

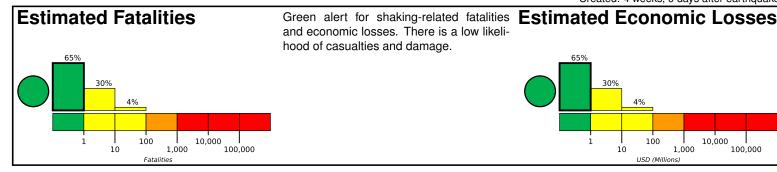
10,000

100,000

M 5.5, 146 km ESE of Gorontalo, Indonesia Origin Time: 2021-06-11 02:23:43 UTC (Fri 10:23:43 local) Location: 0.0475° N 124.2898° E Depth: 63.0 km

Created: 4 weeks, 0 days after earthquake

1,000



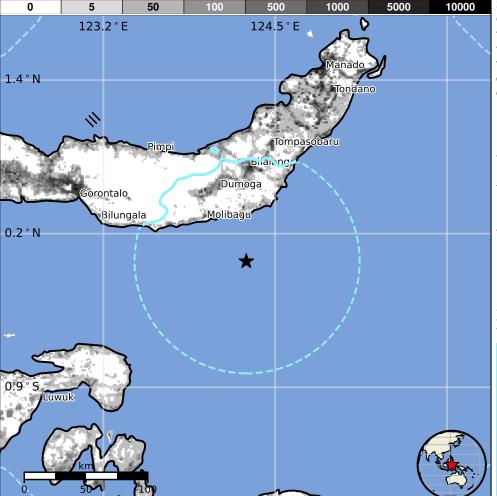
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	3,219k	452k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan



PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty. https://earthquake.usgs.gov/earthquakes/eventpage/us7000ebx6#pager

Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are unreinforced brick with concrete floor and precast concrete frame with wall construction.

Historical Earthquakes

Date		Dist.	Mag.	Max	Shaking	
	(UTC)	(km)		MMI(#)	Deaths	
	2007-01-21	257	7.5	VI(283k)	3	
	1990-04-18	207	7.6	VII(656k)	3	
	2000-05-04	157	7.5	VIII(17k)	46	

Selected City Exposure

MMI	City	Population
IV	Molibagu	<1k
IV	Dumoga	<1k
IV	Lolayan	<1k
IV	Tungoo	<1k
IV	Modayag	<1k
IV	Passi	<1k
Ш	Gorontalo	144k
Ш	Tondano	33k
Ш	Manado	452k
Ш	Bitung	137k
Ш	Luwuk	48k

bold cities appear on map.

(k = x1000)